

Pediatric equipment, supplies, and medications required in the PICU

GENERAL EQUIPMENT

Blood pressure cuffs, neonate, infant, child, adult, obese

Blood pump device

Cervical collars, pediatric and adult sizes

Chest tubes (10-28 FR)

Crash Cart

Length and weight tape for determining pediatric resuscitation dosages

Monitor/defibrillator (0-400ws with peds paddles)

Oxygen, portable

Ophthalmoscope

Otoscope

Pacemaker

Peritoneal dialysis equipment

Quick reference drug dose chart or book on crash cart

Scale, infant and sling

Spinal immobilization device

Suction devices, portable and bedside

Thermometers (capable of measuring hypothermia)

Thoracostomy drainage system

Urinary catheters (8-22Fr)

GENERAL AIRWAY EQUIPMENT

Bag-valve mask device, child and adult

Bag-valve masks, neonate, infant, child, small and large adult

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Endotracheal tubes (2.5-8.0)

Endotracheal tubes stylets

Laryngoscope handle and blades, pediatric and adult

Magill forceps, pediatric and adult

Nasal cannulae, infant, child and adult

Nasogastric tubes, (5-18Fr)

Nasopharyngeal airways (4.5mm-9.0mm)

Oropharyngeal airways (neonate, infant, child, and adult small, medium, large)

Oxygen masks, standard and non rebreathing infant, child, and adult

Suction catheters, (6-12 Fr)

Trach tubes (00-4)

VASCULAR ACCESS EQUIPMENT

Central venous catheters (size 6-12 Fr)

Infusion devices to regulate rate and volume

Intraosseous needles

IV administration sets with calibrated chambers

Three way stopcock

Umbilical vein catheters

MONITORING EQUIPMENT

Arterial pressure

Central venous pressure

ECG and heart rate

End tidal carbon dioxide

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Intracranial pressure

Pulmonary arterial pressure

Pulse oximetry

Respiration

Temperature

Simultaneous pressure monitoring capability, arterial, central venous, pulmonary arterial and intracranial

Transport monitor

SPECIALIZED TRAYS

Central line trays (pediatric and adult catheter sizes)

Cricothyrotomy tray with compatible apparatus for bag-valve mask or jet ventilation

IV cutdown tray

Lumbar puncture tray (pediatric with needles 22g 1-1/2)

Peritoneal lavage tray

Thoracostomy tray

Thoracotomy tray with pediatric rib spreader and aortic clamp

Tracheostomy tray with trach tubes (00-4)

PORTABLE EQUIPMENT (promptly available)

Air-oxygen blenders (21-100%)

Bedside EKG (12lead)

Bedside echocardiography

Bedside ultrasound

Bedside nuclear scan

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Bilirubin lights

Blood warmer

Compressors

Cribs

Doppler ultrasound device

Heating/cooling blankets

Infusion pumps including micro fusion capability

IV fluid warmer

Incubators

Metabolic bed scale

Servo-controlled heating units (with or without open crib)

Transcutaneous pO₂ monitor

Transcutaneous pCO₂ monitor

Portable EEG

Tray for insertion of ICP monitor